

1 **ABSTRACT**

2 Systems and methods for switching from a first Internet context to a second
3 Internet context without process shutdown are described. Internet context data,
4 such as cookies, history and user-defined data, is stored in containers unique to
5 each user on a system. Internet content is stored in a common location so
6 redundant downloaded information is not stored. Content information is found or
7 stored by hashing a URL and indexing the memory location according to the
8 resulting hash value. If content data is specific to a particular user, a hash is
9 performed on a combination of the URL and an ordinal associated with the user's
10 unique identity to obtain a hash value unique to the user. The user-specific
11 content is then stored and the memory location is indexed according to the unique
12 hash value.